EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	860	362/330,334,333.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:17
S2	110	"5806965"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:17
S3	4	"6857767"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:17
S4	10	"6708501"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:18
S5	29	"4435732"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:19
S6	26	"5296724"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:19
S7	14	"3586959"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:19
S8	13	"6536923"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:20
S9	11	"6367950"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:20
S10	10	"6273596"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:21
S11	50	"6328456"	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/12 11:22
S12	56	("4967330" | "5289082" | "5865529" | "5897195" | "5947588").PN. OR ("6328456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/20 14:00
S13	60	("0687848" | "1420977" | "1433292" | "1621224" | "1794839" | "1799290" | "2283598" | "2647202" | "2921181" | "3210536" | "3331960" | "3390262" | "3398272" | "3423584" | "3428397" | "3471231" | "3494693" | "3526459" | "3598988" | "4314320" | "4698730" | "4858091" | "4868719" | "4882662" | "4941072" | "4975814" | "5001616" | "5140220" | "5704709" | "5772306").PN. OR ("6273596").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/20 14:00

| S14 | 111 | ("1399973" \| "1977689" \| "20020034012" \| "20020080623" \| "20030076034" \| "20040070855" \| "20040105171" \| "20040189933" \| "20050117125" \| "20050129358" \| "2254961" \| "2362176" \| "2908197" \| "3760237" \| "3774021" \| "3938177" \| "4192994" \| "4211955" \| "4337759" \| "4342908" \| "4388673" \| "4464707" \| "4638343" \| "4675725" \| "4698730" \| "4727289" \| "4727457" \| "4920404" \| "5055892" \| "5140220" \| "5302778" \| "5335157" \| "5404282" \| "5404869" \| "5438453" \| "5452190" \| "5528474" \| "5557471" \| "5577492" \| "5580142" \| "5608290" \| "5613769" \| "5655830" \| "5655832" \| "5676453" \| "5757557" \| "5777433" \| "5806955" \| "5813743" \| "5865529" \| "5894195" \| "5894196" \| "5897201" \| "5898267" \| "5898809" \| "5924788" \| "5926320" \| "5966250" \| "6019493" \| "6030099" \| "6044196" \| "6048083" \| "6139166" \| "6166860" \| "6166866" \| "6177761" \| "6181476" \| "6201229" \| "6268963" \| "6273596" \| "6282821" \| "6301064" \| "6350041" \| "6361190" \| "6450661" \| "6473554" \| "6483976" \| "6488392" \| "6502964" \| "6504301" \| "6536923" \| "6547400" \| "6547423" \| "6560038" \| "6578989" \| "6580228" \| "6582103" \| "6598998" \| "6603243" \| "6607286" \| "6616287" \| "6621222" \| "6637924" \| "6639733" \| "6646813" \| "6647199" \| "6674096" \| "6679621" \| "6688758" \| "6786625" \| "6796698" \| "6803607" \| "6811277").PN. OR ("7006306").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/06/20 14:09 |

S15	1650	362/235,236,237,244.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/20 14:15
S16	30	S15 and ("light emitting diode" or "light-emitting diode") and "lens array"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/20 14:16
S17	30	("20040041521" | "3586959" | "3936686" | "4435732" | "4544642" | "4734714" | "5296724" | "5806955" | "5150623" | "5436710" | "5623510" | "5632551" | "5698866" | "5715270" | "5719589" | "5877899" | "5910706" | "6273596" | "6328456" | "6367950" | "6536923" | "6708501" | "6857767" | "6033087" | "6118383" | "6319425" | "6375340" | "6561808" | "6577332" | "6930870").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/20 14:25
S18	0	("2008/0084693").URPN.	USPAT	OR	ON	2008/06/20 14:35
S19	18	("4862330" | "4935665" | "4951179" | "5093768" | "5241457" | "5490049" | "5515253" | "5806969" | "5833355").PN. OR ("6443594").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/20 14:37
S20	290	362/235,236,237,244.ccls. and ("light-emitting diode" or "light emitting diode") and @ad< "20031031"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 13:41
S21	200	362/235,236,237,244.ccls. and ("light-emitting diode" or "light emitting diode") and @ad< "20031031" and lens	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 13:43
S22	78	("1342894" | "1977120" | "2082100" | "2215203" | "2401171" | "3035486" | "3302517" | "3522424" | "4330813" | "4425604" | "4619508" | "4684919" | "4733335" | "4935665" | "4953937").PN. OR ("5174649").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 13:45
S23	8	("4729076" | "5174649" | "5343330" | "5833355" | "6257742").PN. OR ("6599002").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 13:53

S24	39	("1236137" | "1626615" | "1945190" | "1995816" | "2096952" | "2817070" | "3137449" | "4214168" | "4240063" | "4954822" | "5068771" | "5136287" | "5174649" | "5561346" | "5594433" | "5636057" | "5703719" | "5742120" | "5833355" | "5896093" | "D087501" | "D092641" | "D388726").PN. OR ("6244727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 14:06
S25	58	("4013915" | "4298869" | "4419722" | "4507718" | "4682147" | "4868719" | "4887074" | "5040320" | "5066889" | "5388357" | "5410453" | "5416679" | "5428912" | "5459955" | "5463280" | "5526236" | "5561346" | "5593223" | "5632551" | "5655830" | "5688042" | "5726535" | "5729925" | "5742120" | "5890794" | "5939996" | "6048082" | "6158156").PN. OR ("6502956").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 14:13
S26	381	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and lens and (array or cell) and (facets or faceted or facet)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 14:50
S27	311	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and lens and (array or cell) and (facets or faceted or facet) and (flat or planar)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 14:51
S28	147	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and lens and (array or cell) and (facets or faceted or facet) and (flat or planar) and @ad<"20031031"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 14:52

S29	73	("1977689" | "20020034012" | "20020080623" | "20030076034" | "20040070855" | "20040105171" | "20040189933" | "2254961" | "4192994" | "4337759" | "4342908" | "4675725" | "4698730" | "4920404" | "5140220" | "5302778" | "5335157" | "5404282" | "5404869" | "5452190" | "5577492" | "5608290" | "5613769" | "5655832" | "5676453" | "5757557" | "5777433" | "5806955" | "5813743" | "5894195" | "5894196" | "5897201" | "5898267" | "5924788" | "5926320" | "5966250" | "6030099" | "6044196" | "6048083" | "6166860" | "6166866" | "6177761" | "6181476" | "6268963" | "6273596" | "6282821" | "6301064" | "6450661" | "6473554" | "6483976" | "6536923" | "6547423" | "6560038" | "6578989" | "6582103" | "6598998" | "6603243" | "6607286" | "6616287" | "6637924" | "6639733" | "6646813" | "6647199" | "6674096" | "6688758").PN. OR ("6924943").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 15:08
S30	313	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and ("lens array" or "lens cell")	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 15:13
S31	156	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and ("lens array" or "lens cell") and @ad<"20031031"	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/21 15:14
S32	624	313/500.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/23 10:09
S33	467	S32 and ("light emitting diode" or "light-emitting diode" or semiconductor)	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/23 10:09
S34	124	S32 and ("light emitting diode" or "light-emitting diode" or semiconductor) and lens	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/23 10:09

S35	32	("3760237" | "3805347" | "3821775" | "4000437" | "4113347" | "4168102" | "4241277").PN. OR ("4603496").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/23 10:28
S36	23	("3876900" | "4935665" | "5101326" | "5325271" | "5585783" | "5750974").PN. OR ("5893633").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/23 10:35
S37	18	("4862330" | "4935665" | "4951179" | "5093768" | "5241457" | "5490049" | "5515253" | "5806969" | "5833355").PN. OR ("6443594").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/23 10:56
S38	28	("20020060910" | "20020093825" | "20020191396" | "20030071581" | "20030117797" | "20050174768" | "20050237740" | "2649535" | "4025777" | "4760507" | "4826269" | "5070434" | "5365415" | "5386349" | "5388035" | "5625738" | "5896093" | "5999749" | "6005704" | "6033087" | "6111705" | "6332688" | "6364506" | "6443594" | "6474839" | "6578994" | "6953274").PN. OR ("7226185").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/23 10:57
S39	56	("4967330" | "5289082" | "5865529" | "5897195" | "5947588").PN. OR ("6328456").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 16:18
S40	238	362/237.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 16:47
S41	89	S40 and ("light emitting diode" or "light-emitting diode")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 16:47

S42	39	("1236137" | "1626615" | "1945190" | "1995816" | "2096952" | "2817070" | "3137449" | "4214168" | "4240063" | "4954822" | "5068771" | "5136287" | "5174649" | "5561346" | "5594433" | "5636057" | "5703719" | "5742120" | "5833355" | "5896093" | "D087501" | "D092641" | "D388726").PN. OR ("6244727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 17:08
S43	6	("20040084681" | "20050286145" | "6987613" | "7019334").PN. OR ("7182481").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/19 17:19
S44	332	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and ("lens array")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 17:28
S45	150	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and ("lens array") and flat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/19 17:28
S46	373	362/235-236.ccls. and ("light emitting diode" or "light-emitting diode" or "LED light source")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 08:57
S47	547	362/235-236,244.ccls. and ("light emitting diode" or "light-emitting diode" or "LED light source")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 08:58
S48	183	"362"/.clas. and ("light emitting diode" or "light-emitting diode") and ("lens array") not flat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/20 09:27
S49	5	"imaginary light point source"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 19:10

S50	19	"4703405"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/24 14:25
S56	55	((DUWAYNE) near2 (ANDERSON)).INV.	US-PGPUB; USPAT	OR	ON	2010/05/26 15:51
S57	6	((ROLAND) near2 (JASMIN)). INV.	US-PGPUB; USPAT	OR	ON	2010/05/26 15:53

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S54	89	(lens and (diode or "LED source" or "LED light" or "LED lamp") and flat and radius).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/05/26 15:28
S55	10	("20040228131" | "20070109615" | "3470561" | "3754814" | "4655539" | "5339177" | "5600487" | "5607492" | "5924788" | "6433936").PN. OR ("7618162").URPN.	US-PGPUB; USPAT	OR	ON	2010/05/26 15:33

5/26/2010 3:54:08 PM
C:\ Documents and Settings\ Sgramling\ My Documents\ EAST\ Workspaces\ 10577514.wsp